



FISHMEAL AND FISH OIL: SOCIAL AND ECONOMIC CONTRIBUTION OF THE FISHMEAL AND FISH OIL VALUE CHAIN

CARL-CHRISTIAN SCHMIDT

NORDIC MARINE THINK TANK

FISH MEAL AND OIL: THE POSITIVE STORY

- Sustaining employment in remote areas
- + 1.5 billion EUR, + 3000 direct employments (but poor statistics)
- A modern and efficient fleet coupled with efficient fisheries management models, at least in the Nordic region
- Green/Blue contributions by using waste and bringing to good use what is not directly consumed by humans
- Contributes to an efficient food production system (aquaculture)

FISH MEAL AND OIL: THE LESS POSITIVE STORY

- Ecosystem impacts, other fish stocks, seabirds i.e. the Rumsfeld enigma:

„Reports that say that something hasn't happened are always interesting to me, because as we know, there are known knowns; there are things we know we know. We also know there are known unknowns; that is to say we know there are some things we do not know. But there are also unknown unknowns – the ones we don't know we don't know....., it is the latter category that tend to be the difficult ones.”

- Takes food away from the human direct consumption
- Claims that in some parts of the world keeps the people in poverty

CHALLENGES AND OPPORTUNITIES

- Central role of sustainable and efficient management models
- When there is no human consumption market use the raw material for fish meal and oil
- Invest in better and more efficient collection systems for cut offs etc.
- Changing end user situation with heavy R&D investments in alternatives to fish meal and oil
- A profitable industry and value chain

CHALLENGES AND OPPORTUNITIES

- Further consolidation can be expected
- Mergers along the value chain by major feed ingredients processors reducing their risk of supplies by acquiring fish meal and oil processors
- The role of R&D of feed ingredient companies in seeking substitutes for fish meal and oil
- Which way for feed ingredient companies have huge implications for fishmeal and oil processing
- Review your strategy

The background is a solid teal color with a subtle gradient. In the four corners, there are decorative white line-art elements resembling circuit traces or a stylized tree structure, with small circles at the end of the lines.

THANK YOU

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